

## Appendix C

### Timber Type Classifications

A timber type is a discrete, homogeneous unit with characteristics that separate it from the surrounding areas. Differentiation between some forested areas is difficult. Often the gradation from one stand to another is a continuum with no definable line to demarcate the change from one stand category to another. In these cases, the boundaries of the timber types will be more subjective.

The timber typing scheme is a two-digit numbering system where the first number reflects the size class, the second number the stocking density. Size class designation is listed below:

<u>Class</u>	<u>Description</u>
(1) Large sawtimber	Dominant and codominant trees have an average DBH greater than 16 inches.
(2) Small sawtimber	Dominant and codominant trees have an average sawtimber DBH between 8 to 16 inches.
(3) Poles	Dominant and codominant trees have an average DBH between 3 inches and 7.9 inches.
(4) Saplings	Crop trees taller than 4.5 feet in height but less than 3 inches in DBH.
(5) Seedlings	Crop trees less than 4.5 feet tall.
(6) Nonstocked	Areas presently stocked below minimum levels needed to meet FPA requirements.

The stocking density designation is listed below:

<u>Class</u>	<u>Description</u>
(0)	No breakdown in stand density.
(1)	Sawtimber having 20 to 60 square feet of Basal Area; or for saplings and poles, a spacing of 15 feet by 15 feet or greater (200 trees or less per acre).

- (2) Sawtimber having 61 to 120 square feet of basal area; saplings having a spacing greater than 7.5 by 7.5 feet but less than 15 by 15 feet between trees (200 to 800 stems per acre); or poles having a spacing greater than 11 x 11 feet but less than 15 x 15 feet between trees (200 to 350 trees per acre).
- (3) Sawtimber having greater than 120 square feet of basal area; saplings having a spacing less than 7.5 by 7.5 feet (800 plus stems per acre); or poles a spacing less than 11 x 11 between trees (350 plus trees per acre).

Combining these two numbers gives the timber types. Listed below are the timber type designations based on the above criteria. The first number of the type refers to the size class and the second number to stand density.

<u>Timber type</u>	<u>Description</u>
11	Large sawtimber, stocking class 1
12	Large sawtimber, stocking class 2
13	Large sawtimber, stocking class 3
21	Small sawtimber, stocking class 1
22	Small sawtimber, stocking class 2
23	Small sawtimber, stocking class 3
31	Poles, stocking class 1
32	Poles, stocking class 2
33	Poles, stocking class 3
41	Saplings, stocking class 1
42	Saplings, stocking class 2
43	Saplings, stocking class 3
50	Seedlings, stocking level must meet FPA guidelines of 150 seedlings on ponderosa pine sites or 200 seedlings on mixed species sites.
60	Non-stocked
90	Non-forestland

